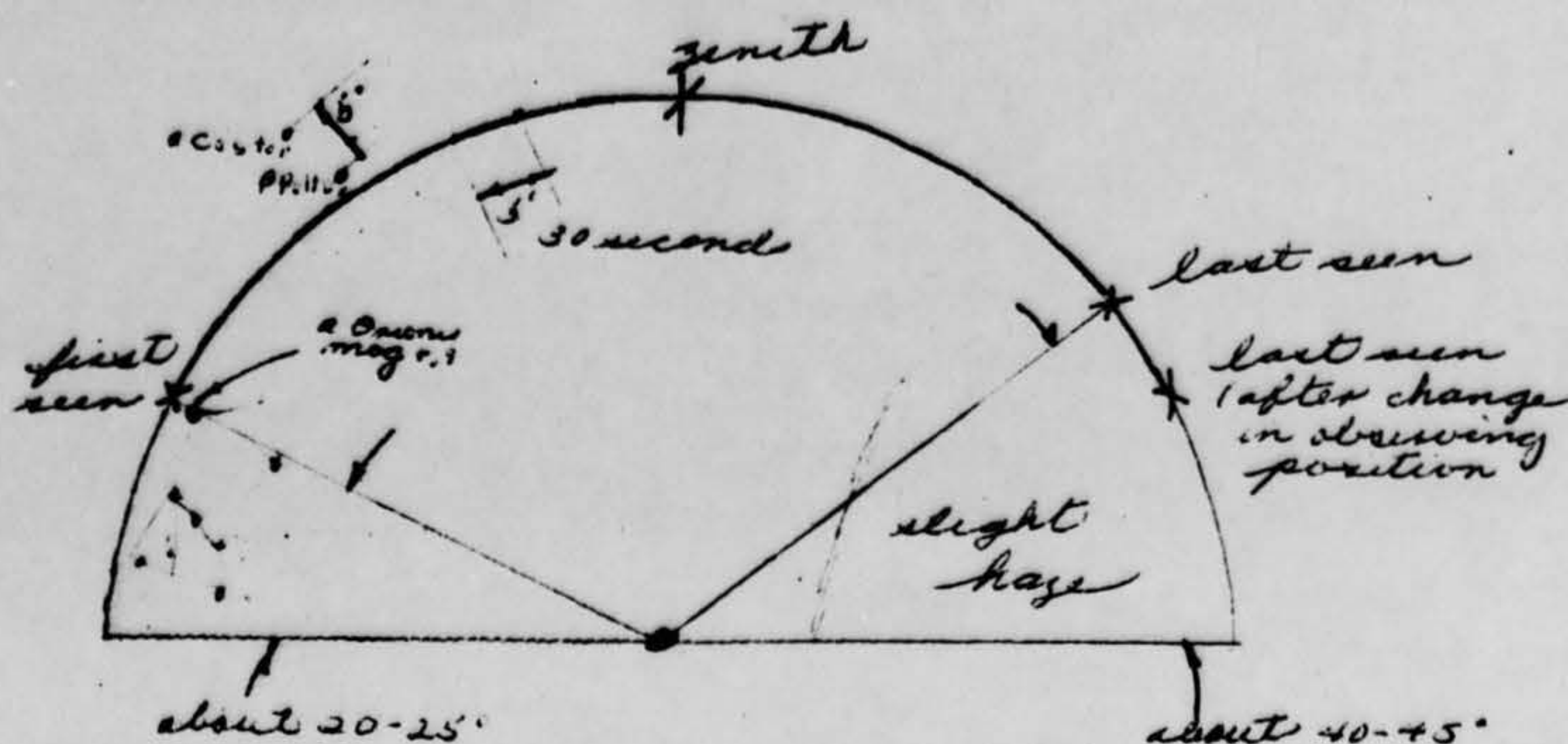


<b>1. DATE - TIME GROUP</b> 14 April 65 15/0035Z	<b>2. LOCATION</b> Lodi, New Jersey
<b>3. SOURCE</b> Civilian	<b>10. CONCLUSION</b> Satellite (ECHO 1)
<b>4. NUMBER OF OBJECTS</b> One	ECHO 1 was over New Jersey at 737PM heading NE at 87 deg elevation. This places the Satellite over the location of the observer. Object
<b>5. LENGTH OF OBSERVATION</b> 11 Minutes about	<b>11. BRIEF SUMMARY AND ANALYSIS</b> Object of .5 deg in flight at constant rate of 10 degrees of arc per minute. Color maybe orange or white. Movement was steady without fluctuations.
<b>6. TYPE OF OBSERVATION</b> Ground-Visual	
<b>7. COURSE</b> NE	
<b>8. PHOTOS</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>9. PHYSICAL EVIDENCE</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



- I measured  $\delta$  using  $\alpha$  &  $\beta$  Deneb as references and a watch with a second hand (time was 3. sec. for  $\delta$  (deg.))
- optical point 12.5" refractor, Tsuru, made in Japan

7:35 PM C.S.T. April 14, 1965



- ① magnitude = +.5, no variations
- ② angular velocity = 10° per minute  $\pm 20\%$
- ③ color = indefinite, maybe orange-white
- ④ diffraction pattern = 1 optical point  $\pm 10\%$
- ⑤ movement = steady without fluctuations in direction
- ⑥ seeing = slight airmass cover, fairly good

April 14, 1965 07644

A.T.I.C

Washington 25, D.C.

Dear Sirs,  
Tonight, my brother and I (we're both amateur astronomers) saw something in the sky. I first thought it was a satellite, but it was too bright and too late for it to be one. We are very interested in what we saw. Any explanation would be appreciated.

Sincerely,

~~\_\_\_\_\_~~

seen by,

(Age 14)

(Age 11)





*Lodi, New Jersey*  
17044



*GA/OF*

*A.T.I.C., Dept. of Air Force*  
*Washington 25, D.C.*

*UPD*



## NEWARK, N.J.

1	08.16	PM	APR. 12	SOUTH OF CITY, 89 DEGREES ABOVE HORIZON	MOVING	SE
1	10.16	PM	APR. 12	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	08.17	AM	APR. 13	SOUTH OF CITY, 77 DEGREES ABOVE HORIZON	MOVING	SE
1	02.27	AM	APR. 13	SOUTH OF CITY, 84 DEGREES ABOVE HORIZON	MOVING	SE
1	04.34	AM	APR. 13	SOUTH OF CITY, 85 DEGREES ABOVE HORIZON	MOVING	SE
1	06.55	PM	APR. 13	SOUTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	SE
1	08.58	PM	APR. 13	NORTH OF CITY, 73 DEGREES ABOVE HORIZON	MOVING	SE
1	10.50	PM	APR. 13	NORTH OF CITY, 61 DEGREES ABOVE HORIZON	MOVING	SE
1	11.50	PM	APR. 13	SOUTH OF CITY, 70 DEGREES ABOVE HORIZON	MOVING	SE
1	12.25	PM	APR. 13	SOUTH OF CITY, 73 DEGREES ABOVE HORIZON	MOVING	SE
1	07.37	PM	APR. 14	SOUTH OF CITY, 72 DEGREES ABOVE HORIZON	MOVING	SE
1	09.39	PM	APR. 14	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	11.39	PM	APR. 14	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	03.50	AM	APR. 15	SOUTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	05.19	AM	APR. 15	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	10.12	PM	APR. 15	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	08.19	PM	APR. 15	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	11.00	PM	APR. 15	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	12.11	PM	APR. 17	SOUTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	02.30	PM	APR. 17	SOUTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	10.30	PM	APR. 17	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	11.31	PM	APR. 17	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE
1	03.20	PM	APR. 17	NORTH OF CITY, 60 DEGREES ABOVE HORIZON	MOVING	SE